

Most frequently occurring classifications of patents returned  
from a search of 10/699617 on Sep 20, 2006

**Original Classifications**

|   |         |
|---|---------|
| 5 | 379/21  |
| 3 | 324/66  |
| 3 | 324/542 |
| 2 | 324/529 |

**Cross-Reference Classifications**

|   |           |
|---|-----------|
| 3 | 379/25    |
| 3 | 324/66    |
| 3 | 324/528   |
| 3 | 379/29.01 |
| 2 | 379/27.01 |
| 2 | 379/27.05 |
| 2 | 379/27.06 |
| 2 | 725/107   |
| 2 | 725/127   |
| 2 | 324/520   |

**Combined Classifications**

|   |           |
|---|-----------|
| 6 | 324/66    |
| 6 | 379/21    |
| 4 | 379/25    |
| 4 | 324/542   |
| 3 | 324/528   |
| 3 | 324/529   |
| 3 | 725/107   |
| 3 | 379/29.01 |
| 2 | 379/22.03 |
| 2 | 379/27.01 |
| 2 | 379/27.05 |
| 2 | 370/249   |
| 2 | 379/27.06 |
| 2 | 725/127   |
| 2 | 324/520   |

Titles of most frequently occurring classifications of patents returned  
from a search of 10/699617 on Sep 20 , 2006

6 324/66 (3 OR, 3 XR)  
Class 324 ELECTRICITY: MEASURING AND TESTING  
324/66 .CONDUCTOR IDENTIFICATION OR LOCATION (E.G., PHASE  
IDENTIFICATION)

6 379/21 (5 OR, 1 XR)  
Class 379 TELEPHONIC COMMUNICATIONS  
379/1.01 .DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR ELECTRICAL  
CONDITION MEASUREMENT  
379/21 ..Using portable test set (e.g., handset type)

4 379/25 (1 OR, 3 XR)  
Class 379 TELEPHONIC COMMUNICATIONS  
379/1.01 .DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR ELECTRICAL  
CONDITION MEASUREMENT  
379/22 ..Of trunk or long line  
379/25 ...Conductor identification or location

4 324/542 (3 OR, 1 XR)  
Class 324 ELECTRICITY: MEASURING AND TESTING  
324/500 .FAULT DETECTING IN ELECTRIC CIRCUITS AND OF ELECTRIC  
COMPONENTS  
324/537 ..Of individual circuit component or element  
324/539 ...Multiconductor cable  
324/542 ....Having a light or sound indicator

3 324/528 (0 OR, 3 XR)  
Class 324 ELECTRICITY: MEASURING AND TESTING  
324/500 .FAULT DETECTING IN ELECTRIC CIRCUITS AND OF ELECTRIC  
COMPONENTS  
324/512 ..For fault location  
324/527 ...By applying a test signal  
324/528 ....Tracing test signal to fault location

3 324/529 (2 OR, 1 XR)  
Class 324 ELECTRICITY: MEASURING AND TESTING  
324/500 .FAULT DETECTING IN ELECTRIC CIRCUITS AND OF ELECTRIC  
COMPONENTS  
324/512 ..For fault location  
324/527 ...By applying a test signal  
324/528 ....Tracing test signal to fault location  
324/529 .....Using a magnetic field sensor

3 725/107 (1 OR, 2 XR)  
Class 725 INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
725/105 .VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM COMMUNICATION  
725/107 ..Remote testing of cable system

3 379/29.01 (0 OR, 3 XR)  
Class 379 TELEPHONIC COMMUNICATIONS  
379/1.01 .DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR ELECTRICAL  
CONDITION MEASUREMENT  
379/27.01 ..Testing of subscriber loop or terminal  
379/29.01 ...Terminal arrangement to enable remote testing (e.g.,  
testing interface)

2 379/22.03 (1 OR, 1 XR)  
Class 379 TELEPHONIC COMMUNICATIONS  
379/1.01 .DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR ELECTRICAL

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## CONDITION MEASUREMENT

379/22 ..Of trunk or long line  
 379/22.03 ...Fault detection or fault location on telephone link  
 (e.g., continuity, leakage)

2 379/27.01 (0 OR, 2 XR)

Class 379 TELEPHONIC COMMUNICATIONS

379/1.01 .DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR ELECTRICAL

## CONDITION MEASUREMENT

379/27.01 ..Testing of subscriber loop or terminal

2 379/27.05 (0 OR, 2 XR)

Class 379 TELEPHONIC COMMUNICATIONS

379/1.01 .DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR ELECTRICAL

## CONDITION MEASUREMENT

379/27.01 ..Testing of subscriber loop or terminal

379/27.05 ...Having protection circuit (e.g., surge or short circuit protector)

2 370/249 (1 OR, 1 XR)

Class 370 MULTIPLEX COMMUNICATIONS

370/241 .DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION)

370/249 ..Loopback

2 379/27.06 (0 OR, 2 XR)

Class 379 TELEPHONIC COMMUNICATIONS

379/1.01 .DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR ELECTRICAL

## CONDITION MEASUREMENT

379/27.01 ..Testing of subscriber loop or terminal

379/27.06 ...Having electromechanical switch or relay

2 725/127 (0 OR, 2 XR)

Class 725 INTERACTIVE VIDEO DISTRIBUTION SYSTEMS

725/105 .VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM COMMUNICATION

725/118 ..Transmission network

725/127 ...Network component (e.g., filter, tap, splitter, amplifier, repeater, etc.)

2 324/520 (0 OR, 2 XR)

Class 324 ELECTRICITY: MEASURING AND TESTING

324/500 .FAULT DETECTING IN ELECTRIC CIRCUITS AND OF ELECTRIC

## COMPONENTS

324/512 ..For fault location

324/520 ...By frequency sensitive or responsive detection